



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q63079

Seiji UMEMOTO

Appln. No.: 09/781,278

Group Art Unit: 2871

Confirmation No.: 9442

Examiner: Prasad R. AKKAPEDDI

Filed: February 13, 2001

For: REFLECTOR AND LIQUID-CRYSTAL DISPLAY DEVICE

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed (without a Statement Under 37 C.F.R. § 1.97(e)) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore a check for the fee of \$180.00 under 37 C.F.R. § 1.17(p) is attached. The

USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the

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INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.:

Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

English language abstracts are being submitted herewith for all foreign language documents.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: August 1, 2003

Attorney Docket No.: Q63079

Substitute for Form 1449 A & B/PTO				Complete if Known	
G I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/781,278
				Confirmation Number	9442
				Filing Date	February 13, 2001
				First Named Inventor	Seiji UMEMOTO
				Art Unit	2871
				Examiner Name	Prasad R. AKKAPEDDI
				Attorney Docket Number	Q63079
Sheet 1 of 2					

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)	
		US 5,183,597		LU
		US 5,341,231		YAMAMOTO et al.
		US 5,390,276		TAI et al.
		US 5,461,547		CIUPKE et al.
		US 5,485,291		QIAO et al.
		US 5,584,556		YOKOYAMA et al.
		US 5,671,994		TAI et al.
		US 5,712,694		TAIRA et al.
		US 5,727,107		UMEMOTO et al.
		US 5,808,713		BROER et al.
		US 5,897,184		EICHENLAUB et al.
		US 5,945,209		OKAZAKI et al.
		US 5,961,198		HIRA et al.
		US 5,999,685		GOTO et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>		
		JP	9297222	UMEMOTO et al.	Abstract
		JP	2000147499	SHINICHI et al.	Abstract
		JP	11142618	ISHIMARU	Abstract
		JP	10106328	UMEMOTO	Abstract
		WO	97/47467	MORTAZAVI et al.	
		WO	97/30373	JANNSON et al.	
		WO	97/01610	GOETZ et al.	
		EP	0 867 747 A2	YANG et al.	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			Translation <sup>6</sup>

Examiner Signature		Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

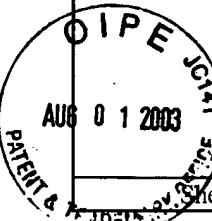
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STATEMENT BY APPLICANT

(use as many sheets as necessary)

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		Number	Kind Code <sup>2</sup> (if known)		
		US 6,044,196		03-28-2000	WINSTON et al.
		US 6,060,183		05-09-2000	HIGASHI et al.
		US 6,147,732		11-14-2000	AOYAMA et al.
		US 6,196,692		03-06-2001	UMEMOTO et al.
		US 6,236,439		05-22-2001	SAIKI et al.
		US 6,322,236		11-27-2001	CAMPBELL et al.
		US 6,340,999		01-22-2002	MASUDA et al.
		US 6,369,950		04-09-2002	UMEMOTO
		US 6,384,881		05-07-2002	ARAI et al.
		US 2001/0010630	A1	08-02-2001	UMEMOTO
		US 2001/0011779	A1	08-09-2001	STOVER
		US 2001/0012158	A1	08-09-2001	UMEMOTO et al.
		US 2001-0012159	A1	08-09-2001	UMEMOTO et al.

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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

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